

**SOME OF THE TERMS AND ABBREVIATIONS USED IN THE WATER QUALITY TEST RESULTS ARE:**

**AL:** Action Level (Contaminant level which triggers treatment or other requirements or action which a system must follow).

**ALG:** Action Level Goal (Concentration of a contaminant which if exceeded, triggers treatment or other requirements which a water system must follow).

**AVG:** Regulatory compliance with some MCLs are based on running annual average of monthly samples.

**MCL:** Maximum Contaminant Level (the highest contaminant level permitted in drinking water).

**MCLG:** Maximum Contaminant Level Goal (the contaminant level below which there is no known health risk).

**MRDL:** Maximum Residual Disinfectant Level (highest disinfectant level allowed in drinking water).

**MRDLG:** Maximum Residual Disinfectant Level Goal (the disinfectant level below which there is no known health risk).

**MFL:** Million Fibers per Liter (a measure of asbestos).

**n/a:** Not Applicable

**ND:** Not Detected (a result that is not detected or not above the analytical detection level).

**NTU:** Nephelometric Turbidity Units (the measure of clarity or cloudiness of water).

**p\*:** Potential Violation (a violation that is likely to occur in the future).

**pCi/L:** picocuries per liter (a measure of radiation).

**ppb:** parts per billion (equal to micrograms per liter).

**ppm:** parts per million (equal to milligrams per liter).

**ppt:** parts per trillion (equal to milligrams per liter).

**ppq:** parts per quadrillion (equal to milligrams per liter).

**WATER QUALITY DATA**

The following table list contaminants that we detected during the 2014 calendar year. The presence of these contaminants in our water does not necessarily indicate that the water poses a health risk. Unless otherwise indicated, the data presented in this table is from testing done between January 1 and December 31, 2014. The Indiana Department

of Environmental Management (IDEM) requires monitoring of certain contaminants less frequently than once per year. These contaminants are not expected to vary significantly from one year to another. Data for these contaminants may be more than one year old.

**SPECIAL NOTE ON LEAD**

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

**SPECIAL NOTE ON TURBIDITY:**

The turbidity treatment technique (TT) requires that at least 95% of the total combined effluent turbidity samples shall not exceed 0.3 NTU (1.0 NTU for slow sand and diatomaceous earth filtration systems). At least 95% is required to be in compliance. In addition, a maximum turbidity level cannot exceed 1.0 NTU at anytime.

**SPECIAL NOTE ON TTHM:**

Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

**SPECIAL NOTE ON HAA5:**

Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

<b>Special Note: "LEAD"</b>	If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a> .
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<b>BTC Water (PWS# 5210002) - Contaminants Detected</b>								
<b>LEAD &amp; COPPER (Measured in the distribution system)</b>								
Substance (Units)	Year Sampled	MCLG	Action Level	90th Percentile	Number of Samples	Numbers of Samples Above Action Level	Violations	Likely Sources
Lead (90th % ppb)	2014	0	15	1.2	20		No	Erosion of Natural Deposits; Corrosion of Home Plumbing Systems
Copper (90th % ppm)	2014	1.3	1.3	0.569	20		No	Erosion of Natural Deposits; Corrosion of Home Plumbing Systems

<b>Indiana American (PWS# 5210005) - Contaminants Detected</b>								
<b>LEAD &amp; COPPER (Measured in the distribution system)</b>								
Contaminant	Year Sampled	MCLG	Action Level	90th Percentile	Number of Samples	Numbers of Samples Above Action Level	Violations	Likely Sources
Lead (90th % ppb)	2012	0	15.0	ND	30	0	No	Erosion of Natural Deposits; Corrosion of Home Plumbing Systems
Copper (90th % ppm)	2012	1.3	1.3	0.576	30	0	No	Erosion of Natural Deposits; Corrosion of Home Plumbing Systems

Contaminant may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of your drinking water. Please contact your water provider's business office.

<b>BTC WATER (PWS# 5210002) - CONTAMINANTS DETECTED</b>							
<b>REGULATED CONTAMINANTS: (BTC WATER - PWS# 5210002)</b>							
Substances (Units)	Year Sampled	Highest Level Detected	Range Levels Detected	MCLG	MCL	Violations	Likely Sources
Beta/photon emitters (mrem/yr)	2008	2.5	2.5-2.5	0	4	No	Decay of natural and man made substances
Fluoride (mg/l)	2014	0.7	.652-.652	4	4	No	Erosion of natural deposits; water additive to promote strong teeth
Gross alpha (pCi/L)	2008	1	1-1	0	15	No	Erosion of natural deposits
HAA5 (ppb)	2014	52	6.2-75.8	NA	60	No	By-product of drinking water chlorination
Nitrate (as N) (ppm)	2014	0.40	0.4-0.4	10	10	No	Erosion of natural deposits, runoff from fertilizer, leaching septic tanks.
Sodium	2011	7.60	7.6-7.6	NA	NA	No	Naturally occurring
TOC (raw water) (ppm)	2014	(BTC met all TOC removal requirements)				No	Naturally present in the environment
Tthm (ppb)	2014	61	15-83	NA	80	No	By-product of drinking water chlorination
Turbidity (%)	2014	100%		NA	0.3	YES	Soil runoff
Turbidity (NTU's)	2014	0.30		NA	1.0	No	Soil runoff
Uranium (ug/l)	2008	0.5	0.5-0.5	0	30	No	Erosion of natural deposits
<b>RESIDUAL DISINFECTANT IN DISTRIBUTION SYSTEM:</b>							
Chlorine Residual (ppm)	2014	1.0	1-1	MRDLG 4	MRDL 4	No	Water additive (disinfectant) used to control microbiological organisms
<b>INDIANA AMERICAN (PWS# 5210005) - CONTAMINANTS DETECTED</b>							
<b>REGULATED CONTAMINANTS - LEAVING TREATMENT PLANT: (INDIANA AMERICAN - PWS# 5210005)</b>							
Contaminant	Year Sampled	Level Detected	Range Levels Detected	MCLG	MCL	Violations	Likely Sources
Beta/photon emitters (pCi/L)	2008	2.6	NA	0	50	No	Decay of natural and man made substances
Fluoride (mg/l)	2012	0.77	NA	4	4	No	Erosion of natural deposits; water additive to promote strong teeth
Nitrate (ppm)	2014	0.24	NA	10	10	No	Erosion of natural deposits, fertilizer runoff, leaching from septic tanks
Uranium (ppb)	2008	0.5	NA	0	30	No	Erosion of natural deposits
<b>REGULATED CONTAMINATES - IN DISTRIBUTION SYSTEM: (INDIANA AMERICAN - PWS# 5210005)</b>							
Total Coliform	2014	1.06%	NA	0	5%	No	Naturally present in the environment
TTHM (ppb)	2014	34.9	16.6-41.1	NA	80	No	By-product of drinking water chlorination
HAA5 (ppb)	2014	15.0	5.4-16.7	NA	60	No	By-product of drinking water chlorination
Chlorine	2014	1.3	0.9	4	4	No	Water additive to control microbes
<b>UNREGULATED SUBSTANCES - LEAVING TREATMENT PLANT: (INDIANA AMERICAN - PWS# 5210005)</b>							
Hardness (ppm)	2014	190	137-239	NA	NA	No	Naturally occurring
Soduim (ppm)	2012	22.5	NA	NA	NA	No	Naturally occurring
Sulfate (ppm)	2012	52.9	NA	NA	NA	No	Erosion of natural deposits



**B.T.C Regional Water District**  
 1791 W. Water Street  
 P.O. Box 40  
 Borden, IN 47106

**WATER INFORMATION**

**SOURCES:**

**Safe Drinking Water Hotline:**  
 800-426-4791

**US Environmental Protection Agency:**  
[www.epa.gov/safewater](http://www.epa.gov/safewater)

**American Water Works Association**  
[www.awwa.org](http://www.awwa.org)

**Indiana Dept. of Environmental Management:**  
[www.in.gov/idem](http://www.in.gov/idem)

**Centers for Disease Control:**  
[www.cdc.gov](http://www.cdc.gov)

**Indiana American Water**  
[www.Indiana-American.com](http://www.Indiana-American.com)

**Consumer Confidence Report can also be viewed at [www.bordentc.com](http://www.bordentc.com)**

In order to ensure that your drinking water is safe to drink, EPA prescribes that limit the amount of contaminates in which provided by public water systems. FDA regulations establish limits for contaminates in bottled water which must provide the same protection for public health.



## Automatic Payment Plan

All customers with APP will continue to receive a monthly bill so that amount due can be recorded in their bank account register, and the amount due will be automatically drafted from your designated account on the 10th of the month instead of the 15th. Should the 10th of the month fall on a holiday or weekend, the draft would be the next business day.

Name: \_\_\_\_\_ BTC Account #: \_\_\_\_\_  
 Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_  
 Name of Bank: \_\_\_\_\_ Account #: \_\_\_\_\_  
 Bank Address: \_\_\_\_\_  
 Bank Phone: \_\_\_\_\_  
 Savings  Checking  (check one)

I hereby authorize BTC Regional Water District (BTC Water) to draw monthly drafts on my bank account for the payment of my monthly water bill. I understand that I may discontinue my participation in this program by submitting a written notice to BTC Water. BTC Water may terminate this agreement with written notice to the customer. BTC Water reserves the right to limit participation in this program to customers whose accounts are in good standing. *I understand that this could take up top two billing cycles to take effect.*

*Please submit a voided check when returning this completed form (application will not be processed without a voided check).*

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PRSR STD  
 US POSTAGE  
**PAID**  
 L & D



**Serving Borden and portions of Clark, Floyd, Washington & Harrison Counties**  
**B.T.C. Regional Water District - PWSID#IN5210002**

Borden Tri-County (BTC) Water is pleased to have this opportunity to inform our customers about the source and quality of their drinking water. BTC's Board of Directors are committed to providing an ample supply of safe drinking water to their customers throughout its 100 square mile distribution system. To meet this commitment, BTC is continually engaged in constructing upgrades of its production and distribution system in an effort to keep up with all the development in our area. We are proud that our policy of anticipating areas of rapid growth within our system has prevented water pressure and water quality problems which plague so many rural water systems.

**WATERSHED PROTECTION PLAN:**

Our Board of Trustees has implemented a Watershed Protection Plan for our Packwood Branch Reservoir. This includes, but is not limited to working with various local and state agencies to assure that property owners adjacent to our reservoir are compliant with rules regulating use of properties within watersheds for public water supplies. The Watershed Protection Plan is accessible on our website: [bordentc.com](http://bordentc.com).

**FOR MORE INFORMATION OR PUBLIC INVOLVEMENT OPPORTUNITIES:**

If you have any questions about the contents of this report, please contact BTC Water's General Manager, Daryl Naville, or BTC's Compliance Director, Pat Kelly at 812-967-2226. You are also invited to join us for our Board of Directors meeting, held on the third Tuesday of each month at the BTC Office at 1791 West Water St. in Borden, IN at 7:30 PM.

**PLEASE SHARE THIS INFORMATION:**

Large water volume customers (like apartment complexes, schools, and/or industries) are encouraged to post extra copies of the report in conspicuous locations or to distribute them to your tenants, residents, students, and/or employees. This "good faith" effort will allow non billed customers to learn more about the quality of the water that they consume.

**IMPORTANT INFORMATION FOR THE SPANISH-SPEAKING POPULATION:**

Este informe contiene informacion muy importante sobre el agua que usted bebe. Traduzcalo o hable con alguien que lo entienda bien.

**IS OUR WATER SAFE?**

This Annual Water Quality Report for the period **January 1 to December 31, 2014**, is intended to provide you with important information about your drinking water and the efforts made by Borden Tri-County (BTC) to provide safe drinking water. We are committed to providing you with all the information you need to know about the quality of the water you drink.

**DO YOU NEED TO TAKE SPECIAL PRECAUTIONS?**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people, such as people with cancer undergoing chemotherapy, people who have undergone an organ transplant, people with HIV/AIDS or other kinds of immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC has

set guidelines with appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants which are available from the Safe Drinking Water Hotline at (800) 426-4791.

**WHERE DOES OUR WATER COME FROM?**

As a BTC customer, your water originates from one of the two most common sources for drinking water. Surface water from Borden (Packwood Reservoir), or well water from the Indiana American Water Company located in Jeffersonville, Indiana.

Drinking Water, including bottled water, may be expected to contain at least small amounts of some contaminants. This does not mean that the water is not suitable for drinking or that it poses a health risk. More information about drinking water contaminates and their potential risk can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals, and in some cases radioactive material, or may pick up substances resulting from the presence of animal or human activity.

**CONTAMINANTS THAT MAY BE PRESENT IN THE RAW, UNTREATED WATER MAY INCLUDE:**

**Microbial Contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.

**Inorganic Contaminants**, such as salts and metals, which can be naturally-occurring, or that result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, and mining or farming operations.

**Pesticides and Herbicides**, which may come from a variety of sources, such as agriculture, stormwater runoff, and residential uses.

**Organic Chemical Contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum operations, and can also result from gas stations, urban stormwater runoff, and septic systems.

**Radioactive Contaminants**, which can be naturally-occurring or the result of oil and gas production and mining activities.